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THE NAVAL ADVISORY BOARD OF INVENTIONS

THE secretary of the navy has announced the membership of the Naval Advisory Board of Inventions which consists of twenty-three members, including Mr. Thomas A. Edison, who was selected by Mr. Daniels to serve as the presiding officer of the board. The other twenty-two members of the board who were chosen by ballot by eleven scientific societies invited by the secretary of the navy are:

American Chemical Society.—W. R. Whitney, Schenectady, N. Y. Massachusetts Institute of Technology, '90. Director of Research Laboratory of the General Electric Company. L. H. Baekeland, Yonkers, N. Y. University of Ghent, '82. In private chemical practise.

American Institute of Electrical Engineers.—Frank Julian Sprague, New York City. Naval Academy, '78. Consulting engineer for Sprague, Otis and General Electric Companies. B. G. Lamme, Pittsburgh. Ohio State, '88. Chief engineer of Westinghouse Electric and Manufacturing Company.

American Mathematical Society.—Robert Simpson Woodward, Washington, D. C. Michigan, '72. President of Carnegie Institution. Arthur Gordon Webster, Worcester, Mass. Harvard, '85. Professor of physics, Clark University.

American Society of Civil Engineers.—Andrew Murray Hunt, New York City. Naval Academy, '79. Consulting engineer. Alfred Craven, New York City. Naval Academy, '67. Chief engineer of public service commission and formerly division engineer in charge of construction work on Croton aqueduct and reservoirs.

American Aeronautical Society.—Matthew Bacon Sellers, Baltimore, Md. Lawrence Scientific School. Director of Technical Board of the Aeronautical Society of America. Hudson Maxim, Brooklyn, N. Y. Ordnance and explosive expert.

The Inventor's Guild.—Peter Cooper Hewitt, New York City. Inventor. Thomas Robbins, Stamford, Conn. Princeton. President of Robbins Conveying Belt Company.

American Society of Automobile Engineers.

—Andrew L. Riker, Detroit. Vice-president of Locomobile Company. Electrical and mechanical engineer. Howard E. Coffin, Detroit, Michigan, '96. President of Hudson Motor Car Company.

American Institute of Mining Engineers.—William Laurence Saunders, New York City. Pennsylvania, '76. Chairman board of directors, Ingersoll-Rand Company. Benjamin Bowditch Thayer, New York City. Harvard, '85. President of Anaconda Copper Mining Company.

American Electro-Chemical Society.—Joseph William Richards, South Bethlehem, Pa. Lehigh, '86. Professor of electro-chemistry, Lehigh University. Lawrence Addicks, Chrome, N. J. Mass. Inst., '89. Consulting engineer for Phelps, Dodge & Co.

American Society of Mechanical Engineers.—William Leroy Emmet, Schenectady, N. Y. Naval Academy, '81. Engineer with the General Electric Company. Spencer Miller, South Orange, N. J. Worcester Polytechnic, '79. Inventor.

American Society of Aeronautic Engineers.—Henry Alexander Wise Wood, New York City. Engineer and manufacturer of printing. Elmer Ambrose Sperry, Chicago. Cornell, '76. Founder of Sperry Electric Company.

SCIENTIFIC NOTES AND NEWS

KARL EUGEN GUTHE, professor of physics in the University of Michigan and dean of the Graduate School, died on September 11, following a surgical operation. He was born in Hanover, Germany, on March 5, 1866.

JOHN HOWARD VAN AMRINGE, dean of Columbia College and professor of mathematics until his retirement five years ago after a service of fifty years, died on September 10, at the age of seventy-nine years.

THE Institution of Mining Engineers will present the institution medal for 1914-15 at its twenty-sixth annual general meeting, to be held at Leeds in September, to Dr. John Scott Haldane, F.R.S., of Oxford, in recognition of his investigations on mine air.

PROFESSOR JULIUS ELSTER and Professor Hans Geitel, who have carried on conjointly

experiments in physics and have published together over one hundred and twenty papers, have received honorary doctorates from the University of Göttingen.

DR. PIRCHER has been made acting director of the Austrian Meteorological Bureau in succession of Professor Trabert, who has retired on account of his health.

DR. WILBUR A. SAWYER, director of the State Hygienic Laboratory and lecturer in hygiene and preventive medicine in the University of California, has been appointed a member of the California State Board of Health and secretary of the board. As executive officer of the board he will have under his direction seven bureaus—Administration, Vital Statistics, Tuberculosis, and Registration of Nurses, with headquarters at the capitol, Sacramento; and the State Hygienic Laboratory and the Bureaus of Sanitary Engineering and of Food and Drugs, maintained by the state at the University of California.

ASSOCIATE PROFESSOR CHARLES RIBORG MANN, of the department of physics in the University of Chicago, has been granted by the university board of trustees an extension of his leave of absence for one year from October 1, in order that he may complete his survey of technical instruction in the United States, which he has undertaken under the auspices of the Carnegie Foundation for the Advancement of Teaching.

MR. M. T. DAWE, lately director of agriculture, British East Africa, has been appointed agricultural adviser to the government of Colombia.

PROFESSOR HAENDEL, director of the Hygienic Institute in Saarbrücken, has been appointed director of the Imperial Health Bureau, Berlin, succeeding Professor Lentz.

PROFESSOR W. MORGAN, who fills the chair of automobile engineering in the faculty of engineering of the University of Bristol, has been released from his duties for the period of the war to engage in work in connection with the production of munitions.

SURGEON VICTOR G. HEISER, U. S. Public Health Service, formerly commissioner of

health, Philippine Islands, has arrived in New York. He has returned to the United States to make a report to the Rockefeller Foundation of his investigations in the Philippines and India of hookworm and other diseases.

PROFESSOR F. CAJORI has resumed work at Colorado College after spending the past year abroad. He attended the Napier Tercentenary in Edinburgh and later traveled in France, Italy, Switzerland and Germany. The larger part of the year was spent in Oxford, Cambridge and London, where he was engaged in researches on the history of certain branches of mathematics in Great Britain during the seventeenth and eighteenth centuries.

DR. E. S. MOORE, professor of geology and mineralogy of Pennsylvania State College, has returned from a year's leave of absence after attending the meeting of the British Association for the Advancement of Science in Australia and visiting several countries on geological excursions. The countries visited included New Zealand, India, Egypt and France, the last six months being spent chiefly in study with Professor Lacroix at Paris.

News has reached England of the Easter Island expedition of Mr. and Mrs. Scoresby Routledge up to June 8, at which date the expedition had been fourteen months in residence, during which time a careful survey had been made of the existing antiquities and such ethnographical information collected as is still available.

THE twenty-fourth annual session of the Association of Military Surgeons of the United States was held in Washington on September 13 to 15, under the presidency of Col. J. R. Kean.

WE learn from *Nature* that in addition to his name being expunged from the list of honorary members of the laryngological societies of Vienna and Berlin, in consequence of his having protested in a letter to the *Times* against the alleged barbarities of Germany in the war, the name of Sir Felix Semon has been removed from the *Internationales Centralblatt für Laryngologie*, which journal he founded twenty-five years ago. In consequence of this action, all the British editorial contributors to

the *Centralblatt* who have had an opportunity of seeing the declaration have withdrawn their names from and resigned their editorial connection with it. Among these are Dr. Peter McBride, Dr. H. J. Davis, Dr. Logan Turner and Dr. Watson-Williams. Their American collaborator, Dr. Emil Mayer, has also severed his connection with the journal.

A BRONZE bas-relief—the work of Mr. S. N. Babb—is about to be erected in St. Paul's Cathedral in memory of Captain Scott and his companions who perished in the Antarctic. At the request of the committee responsible for the memorial an inscription has been written by Lord Curzon, which reads as follows: "In memory of Captain Robert Falcon Scott, C.V.O., R.N., Dr. Edward Adrian Wilson, Captain Lawrence E. G. Oates, Lieut. Henry R. Bowers and Petty Officer Edgar Evans, who died on their return journey from the South Pole in February and March, 1912. Inflexible of purpose, steadfast in courage, resolute in endurance in the face of unparalleled misfortune. Their bodies are lost in the Antarctic ice. But the memory of their deeds is an everlasting monument."

DR. DONALD MCINTOSH, professor of veterinary science at the University of Illinois, died on September 5, at his summer home in Portland, Me. Dr. McIntosh was elected to his permanent position in June, 1886. At that time the total faculty of the university numbered but twenty-seven, of whom only Dr. Burrill, Professor Ricker, Professor Rolfe, Professor Baker and Professor Forbes are left.

THE death is announced at the age of eighty-eight years of Mr. F. Manson Bailey, colonial botanist for Queensland from 1881 until within a short time of his death.

DR. J. J. T. QUENSEL, professor of pathological anatomy at the University of Upsala, has died at the age of seventy years.

DR. RICHARD KIEPERT, the German cartographer, has died at the age of sixty-nine years.

CAPTAIN W. E. G. ATKINSON and Captain Arthur Kellas were killed at the Dardanelles on August 6. The former was known for his experimental work on varieties of wheat, the latter for work in psychiatry and physiology.

LORD BRABOURNE has been killed in the war in the twenty-ninth year of his age. He had returned recently from South America where he was collecting material for the work on "The Birds of South America" which he was writing in conjunction with Mr. Charles Chubb and of which one part had appeared.

THE Berlin correspondent of the *Journal* of the American Medical Association writes that the "Langenbeck-Virchow Haus," built by and for the Berlin Medical Society and the German Surgical Association was opened on August 1. The ceremonial opening was postponed until after the conclusion of the war. The auditorium, three stories high, has a seating capacity of 900. The galleries have a seating capacity of 335. The room is lighted by day through a skylight and in the evening by eighteen electric arc lamps of 25,000 candle power. The auditorium is 13 meters high, 24 meters long and 17.5 meters wide. Artificial ventilation is provided for so that the air may be renewed every hour. On the first floor is a smaller hall with a seating capacity of 200. Both rooms are provided with epidiascopes and kinetoscopes and can rapidly be darkened. Small rooms, contiguous to the auditorium, are provided for waiting rooms for patients, and in one a small laboratory has been installed. The reading room and library, containing 200,000 volumes, is on the third floor. One small room contains the library bequeathed to the Berlin Medical Society by Virchow. The larger reading room is furnished with twenty-five tables at each of which two may be seated. Other small rooms are provided for such readers as wish to work quietly and undisturbed. Refreshments may be had on the first floor. Stores occupy the first floor front, and will be rented to concerns identified with medicine, such as instrument houses, book dealers, etc.

UNIVERSITY AND EDUCATIONAL NEWS

GUY'S Hospital has received \$125,000 from the trustees of the will of the late Sir William Dunn for the endowment of a lectureship in pathology in the Guy's Hospital Medical School, to be known as the "Sir William Dunn Lectureship in Pathology."